

DERWENT-ACC-NO: 1983-29133K

DERWENT-WEEK: 198312

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Refractory ramming mixt. - contains
high-alumina chamotte, alumina refractory clay,
aq. phosphoric acid soln. and silicon carbide

INVENTOR: ANDRYUSHCH, A I; KARPOV, N D ; TRUKHMAN, G P

PATENT-ASSIGNEE: NOVOLIPETS METALLUR[NOVOR]

PRIORITY-DATA: 1980SU-2921080 (May 5, 1980)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
SU 927779 B		May 15, 1982	N/A
004	N/A		

INT-CL (IPC): C04B033/22

ABSTRACTED-PUB-NO: SU 927779B

BASIC-ABSTRACT:

Refractory ramming mixt. esp. for repairing steel casting
ladles consists of
(in wt.%): high-alumina chamotte 50-76.5 Al₂O₃ 15-30
refractory clay 5-10 aq.
H₃PO₄ soln. 3-10 and SiC 0.5-5.0. Inclusion of SiC
enhances the compressive
strength of the prod.

The aq. H₃PO₄ soln. pref. has a density of 1.15g./cc.
(4pp)

TITLE-TERMS: REFRACTORY RAM MIXTURE CONTAIN HIGH ALUMINA
CHAMOTTE ALUMINA
REFRACTORY CLAY AQUEOUS PHOSPHORIC ACID
SOLUTION SILICON CARBIDE

DERWENT-CLASS: L02 M22

CPI-CODES: L02-E05; M22-G03G2;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1983-028559